ABSTRACT

The present invention discloses a authentication method for network security, comprising: firstly, a media gateway controller (MGC) configures a media gateway (MG) with an authentication key and sets a security data package on a network protocol; thus, during the security authentication, the MGC utilizes the security data package to send security authentication request data to the MG; the MG performs an encryption calculation on the request data with the authentication key, and respond to MGC with the encrypted request data; the MGC determines whether the MG being authenticated is legal according to the authenticated result. Said method can prevent illegal or forged devices from accessing to a network; in addition, because that the authentication of MG is performed under the control of MGC, the method is featured with authentication randomness and thereby has higher security authentication efficiency.

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